

10/585117

AP20 Rec'd PCT/PTO 30 JUN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Motoyoshi MURAKAMI et al. : Mail Stop: PCT  
Serial No. NEW : Attorney Docket No. 2006\_0995A  
Filed June 30, 2006 :  
MAGNETIC RECORDING MEDIUM, AND :  
MANUFACTURING METHOD, :  
MANUFACTURING APPARATUS, :  
RECORDING AND REPRODUCTION :  
METHOD, AND RECORDING AND :  
REPRODUCTION APPARATUS FOR :  
THE SAME :  
[Corresponding to PCT/JP2005/008157  
Filed April 28, 2005]

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application  
PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No.  
\_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

ATTACHMENT D

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification

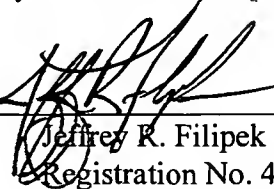
after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ an International Search Report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:
- JP 6-290496 corresponds to US 6,399,174
5. ☒ an International Search Report citing one or more of the references is enclosed.

Respectfully submitted;

Motoyoshi MURAKAMI et al.

By

  
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June 30, 2006

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: June 30, 2006

ATTY DOCKET NO.  
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NEW

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APPLICANT  
Motoyoshi MURAKAMI et al.

1AP20 Rec'd PCT/PTO 30 JUN 2006

FILING DATE  
June 30, 2006

GROUP 2627

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/AC/	AA	6,399,174	6-4-02	Shiratori et al.			
/AC/	AB	6,587,290	7-1-03	Ishida et al.			
/AC/	AC	6,961,196	11-1-05	Ishida et al.			
	AD						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/AC/	AF	8-7355	1-12-96	Japan			abstract
	AG	1-229439	9-13-89	Japan			abstract
	AH	8-203058	8-9-96	Japan			abstract
	AI	6-290496	10-18-94	Japan			corresponds to AA
	AJ	2001-176004	6-29-01	Japan			abstract
	AK	6-176405	6-24-94	Japan			abstract
	AF	5-266523	10-15-93	Japan			abstract
↓	AM	11-213420	8-6-99	Japan			abstract
/AC/	AN	3323743	6-28-02	Japan			abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AQ	
	AQ	

EXAMINER

/Allen Cao/

DATE CONSIDERED

10/29/2009